- lowering the temperature of the prefiltrated oil and subsequently passing the prefiltrated oil through a filtering unit in which the filter medium comprises organic fibres and carbon particles, said organic fibres and carbon particles being adhered to each other by a binder.

--Claim 2. (Original) A process according to claim 1, wherein the oil is prefiltrated by passing the oil through one or more prefiltration units.

--Claim 3. (Original) A process according to claim 1, wherein the oil is prefiltrated by passing the oil through three prefiltration units.

--Claim 4. (Original) A process according to claim 3, wherein the first prefiltration unit is trapping particles bigger than approximately 12 μm, the second prefiltration unit is trapping particles bigger than approximately 6 μm, and the third prefiltration unit is trapping particles bigger than approximately 1 μm.

--Claim 5. (Amended) A process according to ~~any one of the claims 1-4~~ claim 1, wherein the prefiltration units remove particles with decreasing sizes in the direction of the flow.

--Claim 6. (Amended) A process according to ~~any one of the claims 1-5~~ claim 1, wherein the prefiltration is performed by using a filtering medium made of glass fibres.

--Claim 7. (Amended) A process according to ~~any one of the claims 1-6~~ claim 1, wherein the prefiltrated oil is passed through one or more filtering units.

--Claim 8. (Amended) A process according to ~~any one of the claims 1-7~~ claim 1, wherein the filtering medium in the filtering unit contains 5-95% carbon based on the weight of carbon particles and organic fibres.

--Claim 9. (Amended) A process according to ~~any one of the claims 1-8~~ claim 1, wherein the fibres in the filtering unit are natural fibres ~~preferably cellulosic fibres~~.

--Claim 10. (Amended) A process according to ~~any one of the claims 1-9~~ claim 1, wherein the binder is a positively charged resin.

--Claim 11. (Amended) A process according to ~~any one of the claims 1-10~~ claim 1, wherein the organic fibres, the carbon particles and the binder are in the form of a filtering plate.

--Claim 12. (Amended) A process according to claim 11, wherein the filtering plate is supported downstream by a net~~, preferably a net of plastic or steel~~.

--Claim 13. (Amended) A process according to ~~any one of the claims 1-12~~ claim 1, wherein the oil is passed through one or more vacuum units after passing through the prefiltration units and before passing through the filtering unit.

--Claim 14. (Amended) A process according to ~~any one of the claims 1-13~~ claim 1, wherein the oil is heated to a temperature of 50-90°C before passing the prefiltration units.

--Claim 15. (Amended) A process according to ~~any one of the claims 1-14~~ claim 1, wherein the oil is cooled immediately before passing through the filtering unit.

--Claim 16. (Amended) A process according to claim 15, wherein the oil is cooled to a temperature of 10-30 °C.

--Claim 17. (Amended) A process according to ~~any one of the claims 1-16~~ claim 1, wherein the oil is forced through the treatment steps by the use of a pump.

--Claim 18. (Amended) An apparatus for the purification of waste oil or

re-refined oil from mineral or synthetic oil by a process according to ~~any one of claims 1-17~~ claim 1, comprising

- means for prefiltrating said oil,
- means for cooling the prefiltrated oil and
  a filtering unit in which the filtering medium comprises organic fibres and carbon particles, said organic fibres and carbon particles being adhered to each other by a binder.

--Claim 19. (Amended) An apparatus according to claim 18, wherein the filtering medium in the filtering unit contains 5-95% carbon based on the weight of carbon particles and fibres.

--Claim 20. (Amended) An apparatus according to claim 18 ~~or 19~~, wherein the fibres in the filtering unit are natural fibres~~, preferably cellulosic fibres~~.

--Claim 21. (Amended) An apparatus according to ~~any one of the claims 18-20~~ claim 18, wherein the binder is a positively charged resin.

--Claim 22. (Amended) An apparatus according to ~~any one of the claims 18-22~~ claim 18, wherein the organic fibres, the carbon particles and the binder are in the form of a filtering plate.

--Claim 23. (Amended) An apparatus according to claim 22, wherein the filtering plate is supported downstream by a net ~~preferably made of plastic or steel~~.--

--Claim 24. (Amended) An apparatus according to ~~any one of the claims 18-23~~ claim 18, wherein said means for prefiltrating comprises one or more prefiltration units.

--Claim 25. (Original) An apparatus according to claim 24, wherein said prefiltration units remove particles with decreasing size in the direction of the flow.

--Claim 26. (Amended) An apparatus according to ~~any one of the claims 18-25~~ claim 18, wherein the prefiltration means comprise three prefiltration units.

--Claim 27. (Original) An apparatus according to claim 26, wherein the first unit is trapping particles bigger than approximately 12 μm, the second prefiltration unit is trapping particles bigger than approximately 6 μm, and the third prefiltration unit is trapping particles bigger than approximately 1 μm.

--Claim 28. (Amended) An apparatus according to ~~any one of the claims 18-27~~ claim 18, wherein the prefiltrating means comprise filters with a filter medium made of glass fibres.

--Claim 29. (Amended) An apparatus according to ~~any one of the claims 18-28~~ claim 18, wherein said apparatus comprises one or more vacuum units, said vacuum units being placed in the direction of the flow immediately after the prefiltrating means.

--Claim 30. (Amended) An apparatus according to ~~any one of the claims 18-29~~ claim 18, wherein a heater is placed in the direction of the flow immediately before the prefiltrating means.

--Claim 31. (Amended) An apparatus according to ~~any one of the claims 18-30~~ claim 18, wherein a cooler is placed in the direction of the flow immediately before the filtering unit.

--Claim 32. (Amended) An apparatus according to ~~any one of the claims 18-31~~ claim 18, comprising an additional filter, said filter being placed in the direction of flow after the filtering unit.

--Claim 33. (Amended) An apparatus according to ~~any one of the claims 18-32~~ claim 18, comprising a pump preferably for forcing the oil through the treatment steps.

--Claim 34. (Amended) Use of an apparatus according to ~~any one of the claims 18-33~~ claim 18, for the purification of waste oil or re-refined oil from mineral or synthetic oil.

--Claim 35. (New) A process according to claim 1 wherein the filters in the filtering mix are cellulose fibres.

--Claim 36. (New) A process according to claim 11, wherein the filtering plate is supported downstream by a net of plastic or steel.

--Claim 37 (New) An apparatus according to claim 18, wherein the filters in the filtering mix are cellulose fibres.

--Claim 38 (New) An apparatus according to claim 22, wherein the filtering plate is supported downstream by a net of plastic or steel.